## **CLAIMS**

## What is claimed is:

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1	1.	A system for user identity management and software product distribution comprising:
2		at least one authentication product; and
3		a security architecture capable of protecting the system;
4		wherein the at least one authentication product is capable of servicing at least one
5		external source

- 2. The system of Claim 1 further comprising:
  a profile application capable of maintaining an online electronic profile for each external source wherein the profile application is accessible by external source system users and end users.
- 3. The system of Claim 1 wherein the product comprises a series of platform-independent Java based applications.
- 4. The system of Claim 1 wherein the security architecture is capable of automatic encoding of transmitted data using unique hashing routines.
- 1 5. The system of Claim 1 wherein the security architecture is capable of encrypting of transmitted data for security against spoofing.
- 1 6. The system of Claim 1 wherein the system is capable of keeping track of authentication devices and ownership/assignments to a pluriality of external sources and their end users.

- 1 7. The system of Claim 1 wherein the authentication product comprises:
- a username;

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- a password; and
- 4 an authentication device;
- 5 wherein the authentication device is selected from group consisting of software tokens,
- key chain tokens, and tokens capable of being read by a CD drive or Smart Card Reader.
- 1 8. A stand-alone application of the system of Claim 1 wherein the authentication
- 2 architecture is capable of providing user authentication and access control as separate
- functions autonomous from the system of Claim 1.
- The stand-alone application of the system of Claim 8 wherein the at least one authentication product and the architecture are capable of providing provide software piracy management to software manufacturers distributing application products via CD-ROM or a wide area network.
  - 10. An application using the system of Claim 1, wherein the system is capable of being deployed completely on a client's site, wherein the client comprises a client server, in which the client server is capable of functioning as a server application independent of the system of Claim 1.
  - 1 11. The system of Claim 1 wherein the system is capable of reading CD-ROM content remotely via a wide area network.
  - 1 12. The system of Claim 1 wherein the system is capable of providing CD media-based copy protection and is capable of validating the CD media.

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- 1 13. The system of Claim 1 wherein the system is capable of providing CD media authentication remotely via a wide area network.
- 1 14. The system of Claim 1 wherein the system is capable of providing embedded, encrypted serialization of CD media.
- 1 15. The system of Claim 1 wherein the system is capable of providing anti-piracy protection to electronically distributed software.
- 1 16. The system of Claim 1 wherein the system is capable of using CD media developed with anti-piracy technology as effective user authentication devices.
  - 17. The system of Claim 1 wherein the system is capable of bundling any combination of full products, limited-use versions, trial versions, demo versions, and license packs on at least one CD-ROM.
  - 18. The system of Claim 1 wherein the system is capable of managing and tracking specific and group end-user access authorizations to digital content and processes for each external source.